

NOTICE

All drawings located at the end of the document.



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430F
116

CORRES. CONTROL
LTR. NO.
K-H Corres. #

Originator Ltr Log #
CLG-077-97

97 - RF -

DIST.	LTR. NO.
BARTHEL, J.M.	
BENGEL, P.R.	
BENSON, C.A.	
CARMEAN, C.H.	
DAWSON, D.	
EDWARDS, J.D.	
FINDLEY, M.E.	
FITZ, R.C.	
GUINN, L.A.	
HUGHES, F.P.	
McANALLY, J.L.	
POWER, A.P.	
REED, A.B.	
TYSON, A.M.	
WAGNER, M.J.	
WHEELER, M.	

Gary Guinn X
File 123 C-5 X

RMRS RECORDS

RF CORRES.
CONTROL
TRAFFIC
PATS/T130G

CLASSIFICATION:
UCNI
UNCLASSIFIED
CONFIDENTIAL
SECRET

AUTHORIZED CLASSIFIER
SIGNATURE:

Date:

IN REPLY TO RF CC NO.:

ACTION ITEM STATUS:
q PARTIAL/OPEN
q CLOSED

LTR APPROVALS:

ORIG. & TYPIST INITIALS:
GAG:elc

RF-46469(Rev.1/97)

May 9, 1997

Mr. Chris Gilbreath
Colorado Department of Environmental Health
Hazardous Materials and Waste Management Division
4300 Cherry Creek South Drive
Denver, CO. 80222

BUILDING 123 DECONTAMINATION ACTIVITIES - CLG-077-96

Information currently available to RMRS indicates that low-level radiological contamination in Building 123 is probably limited to hoods located in the analytical laboratories and overhead process waste lines in the building. A rough drawing showing where these systems are found is attached. RMRS wishes to remove the hoods and inactive waste lines before asbestos abatement activities begin in early July. Removal activities will be carried out using trained RFETS workers. The purpose of this letter is to summarize the activities that will take place, briefly describe the methodologies that will be used, and request that CDPHE determine whether these activities may be accomplished outside the scope of the PAM for the Building 123 decommissioning or prior to final approval of the PAM.

The work will be carried out under the authorization of an Integrated Work Control Procedure (IWCP) document. The IWCP process ensures that proper procedures and training requirements are identified. Potential hazards are identified and mitigation methods are established. RFETS workers that have current radiation worker training will perform the work.

The interior of the hoods will be swiped for radiological contamination. If the radiation survey indicates a hood is not contaminated, it and associated ductwork will be left to be demolished with the building. If the hoods are contaminated above levels which would allow the waste to be released as non-radioactive, the hoods will be marked for removal. It will also be assumed that the ductwork to the roof vents is also contaminated. The hoods and ductwork will then be removed using hand tools. The debris will be reduced in size, containerized and transferred to RMRS Waste Management for disposition.

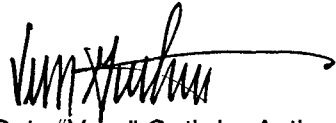
Some of the hoods are labeled as having vented perchloric acid. These hoods are labeled. These hoods will be flushed with water prior to dismantlement. The water will be directed to the active process waste system for treatment at the waste water treatment plant.

Some sections of the overhead process waste lines in the building are labeled as being internally, radiologically contaminated. It is assumed that the entire overhead system is contaminated. Prior to the removal of the lines, they will be opened at joints designated by RMRS Radiation Engineering. Samples from inside the pipe will be taken and analyzed isotopically. Pipe sections that are contaminated will be removed using hand tools, containerized and transferred to RMRS Waste Management for disposition.

ADMIN RECORD

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Mr. Chris Gilbreth
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If additional information is needed, please call Doug Steffen at 966-2164. Your consideration of this request is greatly appreciated.

A handwritten signature in black ink, appearing to read 'Vern Guthrie', with a long horizontal flourish extending to the right.

C. L. "Vern" Guthrie, Acting Vice President
Engineering, Construction, and Decommissioning

DES:slc

Attachment:
As Stated

cc:
Kent Dorr - T130F

BUILDING 123 FLOOR PLAN
NTS

